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OM protein - protein search, using sw model

Run on: June 27, 2003, 18:14:36 ; Search time 50 Seconds
(without alignments)
778.493 Million cell updates/sec

Title: US-09-922-895-1

Perfect score: 1854
Sequence: 1 MTSLSPTVEFTGTSTYDDV.....LEKTSVSPSTAPELSTVF 355

Scoring table:

BLOSUM62
Gap 10.0 , Gapext 0.5

Searched: 424699 seqs, 109646833 residues

Total number of hits satisfying chosen parameters: 424699

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications, AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
- 2: /cgn2_6/ptodata/1/pubpaa/PC7_NEW_PUB.pep:*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
- 6: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
- 7: /cgn2_6/ptodata/1/pubpaa/PC7US_PUBCOMB.pep:*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
- 9: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
- 10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
- 11: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
- 12: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
- 13: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
- 14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1854	100.0	355	9	US-09-922-895-1
2	1854	100.0	355	9	US-10-225-567A-64
3	1854	100.0	355	12	US-10-106-623-4
4	1851	99.8	355	10	US-09-931-381A-16
5	1752	94.5	355	10	US-09-938-719-8
6	1752	94.5	355	10	US-09-939-226-8
7	1752	94.5	355	10	US-09-938-703-8
8	1746	94.2	355	10	US-10-001-835-140
9	1181.5	63.7	355	9	US-10-225-567A-62
10	1181.5	63.7	355	10	US-09-961-068-1
11	1181.5	63.7	355	10	US-09-960-547-1
12	1181.5	63.7	375	9	US-10-219-834-78
13	1134.5	61.2	355	10	US-09-938-719-9
14	1134.5	61.2	355	10	US-09-939-226-9
15	1134.5	61.2	355	10	US-09-938-703-9
16	958.5	51.7	383	9	US-10-225-567A-543
17	947	51.1	347	10	US-09-104-792-3
18	947	51.1	360	9	US-10-225-567A-460
19	947	51.1	360	10	US-09-131-827A-2

20	946	51.0	360	10	US-09-131-827A-20	Sequence 20, Appl
21	944	50.9	360	10	US-09-938-719-7	Sequence 7, Appl1
22	944	50.9	360	10	US-09-939-226-7	Sequence 7, Appl1
23	944	50.9	360	10	US-09-938-703-7	Sequence 7, Appl1
24	943.5	50.9	352	12	US-10-106-623-20	Sequence 20, Appl
25	938.5	50.6	352	9	US-10-086-814-1	Sequence 1, Appl1
26	938.5	50.6	352	9	US-09-734-221A-14	Sequence 14, Appl1
27	938.5	50.6	352	9	US-10-230-058A-6	Sequence 352, App
28	938.5	50.6	352	9	US-10-225-567A-352	Sequence 352, App
29	938.5	50.6	352	10	US-09-759-841-2	Sequence 2, Appl1
30	938.5	50.6	352	10	US-09-813-653-15	Sequence 15, Appl
31	938.5	50.6	352	10	US-09-796-802-1	Sequence 1, Appl1
32	938.5	50.6	352	10	US-09-938-719-5	Sequence 5, Appl1
33	938.5	50.6	352	10	US-09-939-226-5	Sequence 5, Appl1
34	938.5	50.6	352	10	US-09-938-703-5	Sequence 5, Appl1
35	938.5	50.6	352	12	US-10-106-623-2	Sequence 2, Appl1
36	937.5	50.6	352	9	US-10-232-686-2	Sequence 2, Appl1
37	937.5	50.6	352	9	US-10-067-800-22	Sequence 22, Appl
38	937.5	50.6	352	10	US-09-725-285-2	Sequence 2, Appl1
39	937.5	50.6	352	10	US-09-779-879A-22	Sequence 22, Appl
40	937.5	50.6	352	10	US-09-779-880A-22	Sequence 22, Appl
41	937.5	50.6	352	10	US-09-195-662A-2	Sequence 2, Appl1
42	937.5	50.6	352	10	US-09-339-912A-2	Sequence 2, Appl1
43	937.5	50.6	352	10	US-09-502-783A-2	Sequence 2, Appl1
44	933.5	50.4	352	9	US-10-067-800-2	Sequence 2, Appl1
45	933.5	50.4	352	10	US-09-779-879A-2	Sequence 2, Appl1

ALIGNMENTS

RESULT 1
US-09-922-895-1
Sequence 1, Application US/09922895
Publication No. US2002019221A1

GENERAL INFORMATION:
APPLICANT: DAUGHERTY, BRUCE L.
DEMARINO, JULIE A.
SICILIANO, SALVATORE J.
SPRINGER, MARTIN J.
TITLE OF INVENTION: EOSINOPHIL BOTAXIN RECEPTOR
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merck & Co., Inc.
STREET: P. O. Box 2000, 126 E. Lincoln Ave.
CITY: Rahway
STATE: NJ
COUNTRY: USA
ZIP: 07065-0900

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/922,895
FILING DATE: 06-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/847,296
FILING DATE: <Unknown>
APPLICATION NUMBER: 60/017,113
FILING DATE: 26-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Thies, J. Eric
REGISTRATION NUMBER: 35,382
REFERENCE/DOCKET NUMBER: 19634Y
TELECOMMUNICATION INFORMATION:
TELEPHONE: 908-594-3904
TELEFAX: 908-594-4720
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:

LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-922-895-1

Query Match 100.0%; Score 1854; DB 9; Length 355;
Best Local Similarity 100.0%; Pred. No. 3.5e-157;
Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMVMI 60
DB 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMVMI 60
QY 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVGHNNVFGHGCKLLSGYHTGLYSE 120
DB 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVGHNNVFGHGCKLLSGYHTGLYSE 120
QY 121 IFFIILLTDRILAIVHAFALRARTVFGVITSITWGLAVLAALPEFIETETELFEE 180
DB 121 IFFIILLTDRILAIVHAFALRARTVFGVITSITWGLAVLAALPEFIETETELFEE 180
QY 181 TLCSALYPEDVYSNRHFFTLMTJFCVLPLLVNAICTGTGIKTLRCPSSKKRYKARL 240
DB 181 TLCSALYPEDVYSNRHFFTLMTJFCVLPLLVNAICTGTGIKTLRCPSSKKRYKARL 240
QY 241 IFVINAVERIFMTFPYVNAIILSSYOSILEGNCERSKHLDMVLVTEVIAVSHCCMNPYI 300
DB 241 IFVINAVERIFMTFPYVNAIILSSYOSILEGNCERSKHLDMVLVTEVIAVSHCCMNPYI 300
QY 301 YAFVGERFRKYLRRHFFRHLMLHGRYIPFLPSEKLEKERTSSVSPSTAPELSIVF 355
DB 301 YAFVGERFRKYLRRHFFRHLMLHGRYIPFLPSEKLEKERTSSVSPSTAPELSIVF 355

RESULT 2

US-10-225-567A-64
Sequence 64, Application US/10225567A
Publication No. US20030113798A1
GENERAL INFORMATION:
APPLICANT: Lifespan Biosciences
APPLICANT: Brown, Joseph P.
APPLICANT: Burner, Glenna C.
APPLICANT: Roush, Christine L.
TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
FILE REFERENCE: 1920-4-4
CURRENT APPLICATION NUMBER: US/10/225,567A
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/257,144
PRIOR FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 2292
SOFTWARE: PatentIn version 3.1
SEQ ID NO 64
LENGTH: 355
TYPE: prt
ORGANISM: Homo sapiens
US-10-225-567A-64

Query Match 100.0%; Score 1854; DB 9; Length 355;
Best Local Similarity 100.0%; Pred. No. 3.5e-157;
Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMVMI 60
DB 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMVMI 60
QY 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVGHNNVFGHGCKLLSGYHTGLYSE 120
DB 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVGHNNVFGHGCKLLSGYHTGLYSE 120
QY 121 IFFIILLTDRILAIVHAFALRARTVFGVITSITWGLAVLAALPEFIETETELFEE 180

DB 121 IFFIILLTDRILAIVHAFALRARTVFGVITSITWGLAVLAALPEFIETETELFEE 180
QY 181 TLCSALYPEDVYSNRHFFTLMTJFCVLPLLVNAICTGTGIKTLRCPSSKKRYKARL 240
DB 181 TLCSALYPEDVYSNRHFFTLMTJFCVLPLLVNAICTGTGIKTLRCPSSKKRYKARL 240
QY 241 IFVINAVERIFMTFPYVNAIILSSYOSILEGNCERSKHLDMVLVTEVIAVSHCCMNPYI 300
DB 241 IFVINAVERIFMTFPYVNAIILSSYOSILEGNCERSKHLDMVLVTEVIAVSHCCMNPYI 300
QY 301 YAFVGERFRKYLRRHFFRHLMLHGRYIPFLPSEKLEKERTSSVSPSTAPELSIVF 355
DB 301 YAFVGERFRKYLRRHFFRHLMLHGRYIPFLPSEKLEKERTSSVSPSTAPELSIVF 355

RESULT 3

US-10-106-623-4
Sequence 4, Application US/10106623
Patent No. US20020150888A1
GENERAL INFORMATION:
APPLICANT: Gray, Patrick W.
Schweickart, Vicki L.
Report, Carol J.
TITLE OF INVENTION: Chemokine Receptor Materials and Methods
NUMBER OF SEQUENCE: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 S. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/106,623
FILING DATE: 26-Mar-2002
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/771,276
FILING DATE: <unknown>
ATTORNEY/AGENT INFORMATION:
NAME: No. US20020150888A1and, Greta E.
REGISTRATION NUMBER: 35,302
REFERENCE/DOCKET NUMBER: 27866/33670
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-474-6300
TELEFAX: 312-474-0448
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: /- "88-2B amino acid sequence"
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-10-106-623-4

Query Match 100.0%; Score 1854; DB 12; Length 355;
Best Local Similarity 100.0%; Pred. No. 3.5e-157;
Matches 355; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMVMI 60
DB 1 MTTSLDVTVEFTGTSYDDVGLLCEKADTRALMAQFVPPYSLVFTVGLGNVVMVMI 60
QY 61 KTRRLRIMNTIYLNLAIISDLFLVTLFPWIIHYVGHNNVFGHGCKLLSGYHTGLYSE 120

Db 61 KYRRLMTNTIYLNLAISDLFLVTLPEFWIHVYRGHWVGHGCKILLSGFYHTGLSE 120
QY 121 IFFIILLIDRYLAIVHAFALRARVTFGVITSIVMGIAVLALPEFIYETEELFEE 180
Db 121 IFFIILLIDRYLAIVHAFALRARVTFGVITSIVMGIAVLALPEFIYETEELFEE 180
QY 181 TLCSALYPEDTVYSWRHFRHTLRMTIFCLVPLVMAICYTGIIITLLRCPKSKYKARL 240
Db 181 TLCSALYPEDTVYSWRHFRHTLRMTIFCLVPLVMAICYTGIIITLLRCPKSKYKARL 240
QY 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIASHCCMPVI 300
Db 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIASHCCMPVI 300
QY 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSKLERTSSVSPSTAPELSIYF 355
Db 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSKLERTSSVSPSTAPELSIYF 355

RESULT 4
US-09-931-381A-16
Sequence 16, Application US/09931381A
Patent No. US20020137107A1
GENERAL INFORMATION:
APPLICANT: Butcher, Eugene C.
APPLICANT: Kunkel, Eric J.
APPLICANT: Pan, Junliang
APPLICANT: Soler-Ferran, Dulce
TITLE OF INVENTION: Method for Identifying Agents Which
Modulate Chemokine "Mec"-Induced Functions of CCR3 and/or
TITLE OF INVENTION: CCR3
FILE REFERENCE: 1855.2010-003
CURRENT APPLICATION NUMBER: US/09/931.381A
CURRENT FILING DATE: 2001-08-15
PRIOR APPLICATION NUMBER: U.S. 09/638.914
PRIOR FILING DATE: 2000-08-15
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 16
LENGTH: 355
TYPE: PRN
ORGANISM: Homo sapiens
US-09-931-381A-16

Query Match 99.8%; Score 1851; DB 10; Length 355;
Best Local Similarity 99.7%; Pred. No. 6.5e-157;
Matches 354; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 MTSIDLYVEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60
Db 1 MTSIDLYVEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60
QY 61 KYRRLMTNTIYLNLAISDLFLVTLPEFWIHVYRGHWVGHGCKILLSGFYHTGLSE 120
Db 61 KYRRLMTNTIYLNLAISDLFLVTLPEFWIHVYRGHWVGHGCKILLSGFYHTGLSE 120
QY 121 IFFIILLIDRYLAIVHAFALRARVTFGVITSIVMGIAVLALPEFIYETEELFEE 180
Db 121 IFFIILLIDRYLAIVHAFALRARVTFGVITSIVMGIAVLALPEFIYETEELFEE 180
QY 181 TLCSALYPEDTVYSWRHFRHTLRMTIFCLVPLVMAICYTGIIITLLRCPKSKYKARL 240
Db 181 TLCSALYPEDTVYSWRHFRHTLRMTIFCLVPLVMAICYTGIIITLLRCPKSKYKARL 240
QY 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIASHCCMPVI 300
Db 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIASHCCMPVI 300
QY 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSKLERTSSVSPSTAPELSIYF 355
Db 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSKLERTSSVSPSTAPELSIYF 355

RESULT 5
US-09-938-719-8
Sequence 8, Application US/09938719
Patent No. US20020106742A1
GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC
VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (Epo)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/938.719
FILING DATE: 24-Aug-2001
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626.939
FILING DATE: 27-JULY-2000
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34.115
REFERENCE/DOCKET NUMBER: <unknown>
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: No. US20020106742A1e
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-938-719-8

Query Match 94.5%; Score 1752; DB 10; Length 355;
Best Local Similarity 92.1%; Pred. No. 4.2e-148;
Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;
QY 1 MTSIDLYVEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60
Db 1 MTSIDLYVEFGTTSYDDVGLCEKADTRALMAQFVPLXSLVFTVGLGNVVMILI 60
QY 61 KYRRLMTNTIYLNLAISDLFLVTLPEFWIHVYRGHWVGHGCKILLSGFYHTGLSE 120
Db 61 KYRRLMTNTIYLNLAISDLFLVTLPEFWIHVYRGHWVGHGCKILLSGFYHTGLSE 120
QY 121 IFFIILLIDRYLAIVHAFALRARVTFGVITSIVMGIAVLALPEFIYETEELFEE 180
Db 121 IFFIILLIDRYLAIVHAFALRARVTFGVITSIVMGIAVLALPEFIYETEELFEE 180
QY 181 TLCSALYPEDTVYSWRHFRHTLRMTIFCLVPLVMAICYTGIIITLLRCPKSKYKARL 240
Db 181 TLCSALYPEDTVYSWRHFRHTLRMTIFCLVPLVMAICYTGIIITLLRCPKSKYKARL 240
QY 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIASHCCMPVI 300
Db 241 IFVIMAVFIFWTPYNAIILSSYOSILFGNDCERSKHLDMVLTETVIASHCCMPVI 300
QY 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSKLERTSSVSPSTAPELSIYF 355
Db 301 YAFVGERFRKYLRRHFHRLMLHGRYIPFLPSKLERTSSVSPSTAPELSIYF 355

RESULT 6
US-09-939-226-8
Sequence 8, Application US/09939226
Patent No. US20020110805A1
GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC
VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbé, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,226
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: NO. US20020110805A1
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-939-226-8

Query Match 94.5%; Score 1752; DB 10; Length 355;
Best Local Similarity 92.1%; Pred. No. 4.2e-148;
Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;

QY 1 MTTSLDVEVEFGTTSYDDVGLCEKADTRALMAQFVPLYSLVETVGLGNVVMMLI 60
DB 1 MTTSLDVEVEFGTTSYDDVGLCEKADTRALMAQFVPLYSLVETVGLGNVVMMLI 60
QY 61 KYRRLRIMNTIYLLNLASDLLFLVTLPEFWIHYVGNHNVFGHGCKLLSGFYHTGLYSE 120
DB 61 KYRRLRIMNTIYLLNLASDLLFLVTLPEFWIHYVGNHNVFGHGCKLLSGFYHTGLYSE 120
QY 121 IFFIILLTIDRLAIVAHVAFALRARTVFEVYTSIVTWGLAVIALPFIETFEELPEE 180
DB 121 IFFIILLTIDRLAIVAHVAFALRARTVFEVYTSIVTWGLAVIALPFIETFEELPEE 180
QY 181 TICSALYEDPDVYYSRHHFTIMTIFCLVPLPLVNAICVTGIIKTLKCPSPKKYKARL 240
DB 181 TICSALYEDPDVYYSRHHFTIMTIFCLVPLPLVNAICVTGIIKTLKCPSPKKYKARL 240
QY 241 IFVIMAVFEIEMTPYNAVALISSYOSILFGNDCERSKHLDMVLTVEVIAYSHCCMNPVI 300
DB 241 IFVIMAVFEIEMTPYNAVALISSYOSILFGNDCERSKHLDMVLTVEVIAYSHCCMNPVI 300
QY 301 YAFVGERRKYLRRHFHRLMLHGLRYIPPLSEKLENTSSVSPSTAPELSIYF 355
DB 301 YAFVGERRKYLRRHFHRLMLHGLRYIPPLSEKLENTSSVSPSTAPELSIYF 355

DB 301 YAFVGERRKYLRRHFHRLMLHGLRYIPPLPXXIIERRISSVSPSTAPELSIYF 355

RESULT 7
US-09-938-703-8
Sequence 8, Application US/09938703
Patent No. US20020110870A1
GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC
VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbé, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/938,703
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E.
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 355 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: NO. US20020110870A1
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-938-703-8

Query Match 94.5%; Score 1752; DB 10; Length 355;
Best Local Similarity 92.1%; Pred. No. 4.2e-148;
Matches 327; Conservative 17; Mismatches 11; Indels 0; Gaps 0;

QY 1 MTTSLDVEVEFGTTSYDDVGLCEKADTRALMAQFVPLYSLVETVGLGNVVMMLI 60
DB 1 MTTSLDVEVEFGTTSYDDVGLCEKADTRALMAQFVPLYSLVETVGLGNVVMMLI 60
QY 61 KYRRLRIMNTIYLLNLASDLLFLVTLPEFWIHYVGNHNVFGHGCKLLSGFYHTGLYSE 120
DB 61 KYRRLRIMNTIYLLNLASDLLFLVTLPEFWIHYVGNHNVFGHGCKLLSGFYHTGLYSE 120
QY 121 IFFIILLTIDRLAIVAHVAFALRARTVFEVYTSIVTWGLAVIALPFIETFEELPEE 180
DB 121 IFFIILLTIDRLAIVAHVAFALRARTVFEVYTSIVTWGLAVIALPFIETFEELPEE 180
QY 181 TICSALYEDPDVYYSRHHFTIMTIFCLVPLPLVNAICVTGIIKTLKCPSPKKYKARL 240
DB 181 TICSALYEDPDVYYSRHHFTIMTIFCLVPLPLVNAICVTGIIKTLKCPSPKKYKARL 240
QY 241 IFVIMAVFEIEMTPYNAVALISSYOSILFGNDCERSKHLDMVLTVEVIAYSHCCMNPVI 300
DB 241 IFVIMAVFEIEMTPYNAVALISSYOSILFGNDCERSKHLDMVLTVEVIAYSHCCMNPVI 300
QY 301 YAFVGERRKYLRRHFHRLMLHGLRYIPPLSEKLENTSSVSPSTAPELSIYF 355
DB 301 YAFVGERRKYLRRHFHRLMLHGLRYIPPLSEKLENTSSVSPSTAPELSIYF 355

Db 301 YAFVGERFRKTYIRHFFRHLMLHGRYIPFLPXXIXIKSISVSSTAPELSTIVE 355

RESULT 8
US-10-001-835-140
; Sequence 140, Application US/10001835
; Patent No. US20020160387A1
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Macina, Roberto
; APPLICANT: Recipon, Herre
; APPLICANT: Cafferey, Robert
; APPLICANT: Sun, Yongming
; APPLICANT: Liu, Chenghua
; TITLE OF INVENTION: Compositions and Methods Relating to Ovary Specific Genes and Pro
; FILE REFERENCE: DEX-0277
; CURRENT APPLICATION NUMBER: US/10/001,835
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/249,997
; NUMBER OF SEQ ID NOS: 228
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 140
; LENGTH: 332
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-001-835-140

Query Match 94.2%; Score 1746; DB 9; Length 332;
Best Local Similarity 100.0%; Pred. No. 1.3e-147;
Matches 332; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MTSISLDTVEFGTSTSYDDVGLCEKADTRALMAQFVPPLSLVFTVGLGNVVMIL 60
Db 1 MTSISLDTVEFGTSTSYDDVGLCEKADTRALMAQFVPPLSLVFTVGLGNVVMIL 60

QY 61 KYRRLRMTNTYILNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSE 120
Db 61 KYRRLRMTNTYILNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSE 120

QY 121 IFFIILITIDRYLAIVHAFALRARTVFGVTSIVTWGLAVLAALPEFIYEELFEEL 180
Db 121 IFFIILITIDRYLAIVHAFALRARTVFGVTSIVTWGLAVLAALPEFIYEELFEEL 180

QY 181 TICSALYEDPVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKRYKAI 240
Db 181 TICSALYEDPVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKRYKAI 240

QY 241 IFVYMAVFIFWIPYNNVAIILSSYQSLFGNDCERSKHLVMLVTEVIAYSHCCMPVI 300
Db 241 IFVYMAVFIFWIPYNNVAIILSSYQSLFGNDCERSKHLVMLVTEVIAYSHCCMPVI 300

QY 301 YAFVGERFRKTYIRHFFRHLMLHGRYIPFLP 332
Db 301 YAFVGERFRKTYIRHFFRHLMLHGRYIPFLP 332

RESULT 9
US-10-225-567A-62
; Sequence 62, Application US/10225567A
; Publication No. US20030113798A1
; GENERAL INFORMATION:
; APPLICANT: Lifespan Biosciences
; APPLICANT: Brown, Joseph P.
; APPLICANT: Butler, Glenn C.
; APPLICANT: Roush, Christine L.
; TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
; FILE REFERENCE: 1920-4-4
; CURRENT APPLICATION NUMBER: US/10/225,567A
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/225,144
; PRIOR FILING DATE: 2000-12-19

; NUMBER OF SEQ ID NOS: 2292
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-225-567A-62

Query Match 63.7%; Score 1181.5; DB 9; Length 355;
Best Local Similarity 63.2%; Pred. No. 2.4e-97;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DTVETFGTSTSYD-DVGLCEKADTRALMAQFVPPLSLVFTVGLGNVVMILIKYR 64
Db 5 NTEDDYDTTFEDGDATPCQKVNRAFGAQLPLPSLVFVIGVILVAVLYQYKR 64

QY 65 LRIMNTYILNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124
Db 65 LRIMNTYILNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124

QY 125 ILITIDRYLAIVHAFALRARTVFGVTSIVTWGLAVLAALPEFIYEELFEELICS 184
Db 125 ILITIDRYLAIVHAFALRARTVFGVTSIVTWGLAVLAALPEFIYEELFEELICS 184

QY 185 ALYPEDVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKRYKAI 244
Db 185 ALYPEDVYSWRHFFHRLMTIFCLVPLVMAICYTGIIKTLRCPSKRYKAI 244

QY 245 MAVFIFWIPYNNVAIILSSYQSLFGNDCERSKHLVMLVTEVIAYSHCCMPVIYAFV 304
Db 245 MAVFIFWIPYNNVAIILSSYQSLFGNDCERSKHLVMLVTEVIAYSHCCMPVIYAFV 304

QY 305 GERFRKTYIRHFFRHLMLHGRYIPFLPSEKLEERTSSVSPSTAPELSTIVE 355
Db 305 GERFRKTYIRHFFRHLMLHGRYIPFLPSEKLEERTSSVSPSTAPELSTIVE 355

RESULT 10
US-09-961-068-1
; Sequence 1, Application US/09961068
; Patent No. US20020037539A1
; GENERAL INFORMATION:
; APPLICANT: Qin, Shixin
; APPLICANT: Newman, Walter
; APPLICANT: Kassam, Nasim
; TITLE OF INVENTION: ANTI-CCR1 ANTIBODIES AND METHODS OF USE
; FILE REFERENCE: 1855.1048-011
; CURRENT APPLICATION NUMBER: US/09/961,068
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 09/239,938
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-961-068-1

Query Match 63.7%; Score 1181.5; DB 10; Length 355;
Best Local Similarity 63.2%; Pred. No. 2.4e-97;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

QY 6 DTVETFGTSTSYD-DVGLCEKADTRALMAQFVPPLSLVFTVGLGNVVMILIKYR 64
Db 5 NTEDDYDTTFEDGDATPCQKVNRAFGAQLPLPSLVFVIGVILVAVLYQYKR 64

QY 65 LRIMNTYILNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124
Db 65 LRIMNTYILNLAIISDLFLVTLPEWTHYVGNHNVFGHGMCKILSGFYTGLYSEIFI 124

QY 125 ILITIDRYLAIVHAFALRARTVFGVTSIVTWGLAVLAALPEFIYEELFEELICS 184
Db 125 ILITIDRYLAIVHAFALRARTVFGVTSIVTWGLAVLAALPEFIYEELFEELICS 184

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Db 125 ILTTDRLAIVHAVALRARTVGVTSIIIMALAILASMPGLYFSTQWFEFHHNCS 184
Oy 185 ALYEDYVSMRHFHTLTCVLPPLVMAICTGIIKTLRCPKSKKRAILIVYI 244
Db 185 LHPHESLREKMLFQALKNLFGVLPLVMAICTGIIKTLRCPKSKKRAILIVYI 244
Oy 245 MAVFIPTPVNAVAILSSYSILFGNDCERSKHLDLVLTVEIAYASHCCNPIYAFV 304
Db 245 MIIFLEPTPVNLTILISVDFLETHCEOSRHLDLAVQVTEIAYTHCCNPIYAFV 304
Oy 305 GERFRKYLRHFFRHLMLHGLRYPFLPSEKLEKTSVSPSAEELISVF 355
Db 305 GERFRKYLRHFFRHLMLHGLRYPFLPSEKLEKTSVSPSAEELISVF 355

RESULT 11
US-09-960-547-1
; Sequence 1, Application US/09960547
; Patent No. US20020061305A1
; GENERAL INFORMATION:
; APPLICANT: Qln, Shixin
; APPLICANT: Newman, Walter
; APPLICANT: Kassem, Nasim
; TITLE OF INVENTION: ANTI-CCR1 ANTIBODIES AND METHODS OF USE
; FILE REFERENCE: 1855.1048-010
; CURRENT APPLICATION NUMBER: US/09/960,547
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: US 09/239,938
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 355
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-960-547-1

Query Match 63.7%; Score 1181.5; DB 10; Length 355;
Best Local Similarity 63.2%; Pred. No. 2.4e-97;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

Oy 6 DVEVEFGTSTYD-DVGLLCEKADRALMAQVPPVLSVTVGLGNNVMMILIKRR 64
Db 5 NTTEYDTTTERDYPDAPPCQVNERAFGAQLPLPLYSLVFVIGLVNLLVAVQYKR 64
Oy 65 LRMTNIVLNLAIASDLFLVTLPPWIVYRGNNVFGHGMCKLLSGFYHGLYSEIIFI 124
Db 65 LKNMSTIYLNALISDLFLFLTPWIDYKLDQVFPDGMCKLLSGFYHGLYSEIIFI 124
Oy 125 ILTTDRLAIVHAVALRARTVGVTSIIIMALAILASMPGLYFSTQWFEFHHNCS 184
Db 125 ILTTDRLAIVHAVALRARTVGVTSIIIMALAILASMPGLYFSTQWFEFHHNCS 184
Oy 185 ALYEDYVSMRHFHTLTCVLPPLVMAICTGIIKTLRCPKSKKRAILIVYI 244
Db 185 LHPHESLREKMLFQALKNLFGVLPLVMAICTGIIKTLRCPKSKKRAILIVYI 244
Oy 245 MAVFIPTPVNAVAILSSYSILFGNDCERSKHLDLVLTVEIAYASHCCNPIYAFV 304
Db 245 MIIFLEPTPVNLTILISVDFLETHCEOSRHLDLAVQVTEIAYTHCCNPIYAFV 304
Oy 305 GERFRKYLRHFFRHLMLHGLRYPFLPSEKLEKTSVSPSAEELISVF 355
Db 305 GERFRKYLRHFFRHLMLHGLRYPFLPSEKLEKTSVSPSAEELISVF 355

RESULT 12
US-10-219-834-78
; Sequence 78, Application US/10219834
; Publication No. US20030096751A1
; GENERAL INFORMATION:
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; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: G-PROTEIN COUPLED RECEPTOR POLYNUCLEOTIDES AND METHODS OF USE
; FILE REFERENCE: D0191 NP
; CURRENT APPLICATION NUMBER: US/10/219,834
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/313,658
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/340,703
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: US 60/318,675
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US 60/355,596
; PRIOR FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: US 60/333,417
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US 60/338,367
; PRIOR FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78
; LENGTH: 375
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-219-834-78

Query Match 63.7%; Score 1181.5; DB 9; Length 375;
Best Local Similarity 63.2%; Pred. No. 2.5e-97;
Matches 222; Conservative 57; Mismatches 71; Indels 1; Gaps 1;

Oy 6 DVEVEFGTSTYD-DVGLLCEKADRALMAQVPPVLSVTVGLGNNVMMILIKRR 64
Db 25 NTTEYDTTTERDYPDAPPCQVNERAFGAQLPLPLYSLVFVIGLVNLLVAVQYKR 84
Oy 65 LRMTNIVLNLAIASDLFLVTLPPWIVYRGNNVFGHGMCKLLSGFYHGLYSEIIFI 124
Db 85 LKNMSTIYLNALISDLFLFLTPWIDYKLDQVFPDGMCKLLSGFYHGLYSEIIFI 144
Oy 125 ILTTDRLAIVHAVALRARTVGVTSIIIMALAILASMPGLYFSTQWFEFHHNCS 184
Db 145 ILTTDRLAIVHAVALRARTVGVTSIIIMALAILASMPGLYFSTQWFEFHHNCS 204
Oy 185 ALYEDYVSMRHFHTLTCVLPPLVMAICTGIIKTLRCPKSKKRAILIVYI 244
Db 205 LHPHESLREKMLFQALKNLFGVLPLVMAICTGIIKTLRCPKSKKRAILIVYI 264
Oy 245 MAVFIPTPVNAVAILSSYSILFGNDCERSKHLDLVLTVEIAYASHCCNPIYAFV 304
Db 265 MIIFLEPTPVNLTILISVDFLETHCEOSRHLDLAVQVTEIAYTHCCNPIYAFV 324
Oy 305 GERFRKYLRHFFRHLMLHGLRYPFLPSEKLEKTSVSPSAEELISVF 355
Db 325 GERFRKYLRHFFRHLMLHGLRYPFLPSEKLEKTSVSPSAEELISVF 375

RESULT 13
US-09-938-719-9
; Sequence 9, Application US/09938719
; Patent No. US20020106742A1
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASSART, GILBERT
; APPLICANT: LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
```



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; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/938,703
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/626,939
; FILING DATE: 2000-07-27
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: <Unknown>
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 355 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. US20020110870A1e
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-938-703-9

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Query Match      61.2%; Score 1134.5; DB 10; Length 355;
Best Local Similarity 59.5%; Pred. No. 3.6e-93;
Matches 209; Conservative 66; Mismatches 75; Indels 1; Gaps 1;

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QY 6 DVEVFPGTSTYD-DVGLCEKADTRALMAQFVPPILYSLVFTVGLGNVNVVMILIKYR 64
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 5 NTEEDYDTTEEDYGDATPCQKVERAFGAQLPLPLYSLVFVIGLVGNILVVLVQYKR 64
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 65 LRIMNTIYLNTAISDLFLVTLFPFIHVHVRGNHVFHGMCKLSGFYHTGLYSLEIFI 124
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 65 LKMTSTIYLNTAISDLFLFIFLFPWIDYKLDNDWFGDMCKTISGFYHTGLYSLEIFI 124
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 125 ILTIDRYLAIVHAVFALRARTVTFGVITSIVTGLAVLAALPEFIYETELFETLCS 184
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 125 ILTIDRYLAIVHAVFAIRARTVTFGVITSIIIMAIATASMPGLYFETKQWETHTCS 184
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 185 ALPPEDYVSWRHFTLRFTICVLPLIYMAICTGTITKILRCPSKKKYAIRLIFYI 244
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 185 LHPHESLSEWKLFGALKLNLFGVLPLVLMITCYIGILIKILRRPNEKSKRAVRLIFYI 244
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 245 MAVFIFWTPYNAVILSSYOSILFGNDCERSKHLDIYVLTETVAYSHCNPPYIYAFV 304
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 245 MIIFFLWIPYVNLIIISVQDFLTHECEQSRHLDIAVQVTEVIATYHCYNEVIYAFV 304
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
QY 305 GERFRKYLHFFRHLLHMLGRYIPPLDSEKLEKRTSSVSPSTAEPELSTVF 355
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB 305 GERFRKYLHFFRHLLHMLGRYIPPLDSEKLEKRTSSVSPSTAEPELSTVF 355
   : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :

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Search completed: June 27, 2003, 18:24:03
Job time : 52 secs